

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Acetyl Glucosamine
<b>Product Code</b>	AL00071
<b>INCI Name</b>	Acetyl Glucosamine
<b>CAS Number</b>	10036-64-3
<b>Lot Number</b>	20250610
<b>Manufacture Date</b>	06/2025
<b>Re-test Date</b>	06/2027

Items	Specification	Results
Appearance	White Crystalline Powder	Complies
Odor	Characteristic	Complies
Assay	98.0 ~ 102.0%	99.8%
pH (2%)	6.0 ~ 8.0	6.6
Specific Rotation (25°C)	+39.0° ~ +43.0°	+40.8°
Loss on Drying	≤ 0.50%	0.1%
Residue on Ignition	≤ 0.50%	0.02%
Chloride	≤ 0.50%	0.03%
Iron	≤ 10ppm	< 10ppm
Melting Point	196°C ~ 205°C	201.6°C
Lead	≤ 10mg/kg	< 10mg/kg
Arsenic	≤ 1mg/kg	< 1mg/kg
Mercury	≤ 1mg/kg	< 1mg/kg
Cadmium	≤ 5mg/kg	< 5mg/kg
Total plate count	≤ 1000 cfu/g	Complies
Yeast & mould	≤ 100 cfu/g	Complies
Conclusion	Conforms	Complies

### STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.  
When stored for a period longer than the one specified above, quality should be checked before use.

**As it is electronically generated document, hence no signature required**

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